

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04B		A2	(11) International Publication Number: WO 98/29956
			(43) International Publication Date: 9 July 1998 (09.07.98)
<p>(21) International Application Number: PCT/US97/23365</p> <p>(22) International Filing Date: 17 December 1997 (17.12.97)</p> <p>(30) Priority Data: 08/777,543 30 December 1996 (30.12.96) US</p> <p>(71) Applicant: INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).</p> <p>(72) Inventors: EDWARDS, James, W.; 634 N.E. 22nd Avenue, Portland, OR 97232 (US). KOGAN, Dan, D.; 4135 S.W. Crestwood Drive, Portland, OR 97225 (US). ANDERSEN, David, B.; 16540 S.W. Hillsboro Highway, Hillsboro, OR 97123 (US). BOSS, Dale; 14978 N.W. Applegate Lane, Portland, OR 97224 (US). CHOQUINARD, David; 13032 S.W. Lourmont Drive, Tigard, OR 97223 (US). HAZZARD, Kevin; 6688 S.W. 158th Avenue, Beaverton, OR 97007 (US). RICHARDSON, John, W.; 2748 N.E. 19th Avenue, Portland, OR 97212 (US).</p> <p>(74) Agents: TAYLOR, Edwin, H. et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).</p>		<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU (Petty patent), AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>Without international search report and to be republished upon receipt of that report.</i></p>	
<p>(54) Title: METHOD AND APPARATUS FOR SUPPORTING ON-DEMAND CONNECTIVITY FOR NETWORK APPLICATIONS</p> <pre> graph TD PC1[PC 100] -- COMMUNICATION LINK --> INTERNET((INTERNET)) PC2[PC 150] -- COMMUNICATION LINK --> INTERNET INTERNET --> ISP_A[ISP A] INTERNET --> ISP_B[ISP B] PC1 -- APPLICATION LAUNCH REQUEST --> APP_COMM[APPLICATION COMMUNICATION] PC2 -- APPLICATION COMMUNICATION --> APP_COMM </pre>			
<p>(57) Abstract</p> <p>A method and apparatus for supporting on-demand connectivity for network applications is disclosed. Specifically, the present invention discloses a method and apparatus for remotely triggering a connection from a first device to a network. Additionally, a method and apparatus for coordinating application connections is also disclosed. The method comprises the steps of establishing application connections on-demand and managing the application connections.</p>			